

# **COOLANT REPORT**

# Sample Rating Trend







Component Coolant Fluid EXTENDED LIFE COOLANT (--- GAL)

#### DIAGNOSIS

#### Recommendation

Machine Id 0J030441

The fluid is suitable for further service. Resample at the next service interval to monitor.

# Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

## Contaminants

There is no indication of any contamination in the coolant.

#### **Coolant Condition**

The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0857576		
Sample Date		Client Info		26 Oct 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.068		
pH	Scale 0-14	ASTM D1287*	9.0	8.47		
Nitrites	ppm	Alcan Test Kit*		360		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.3		
Percentage Glycol	%	ASTM D3321*	50	50.9		
Freezing Point	°C	ASTM D3321*	-40	-35		
Carboxylate						
CORROSION INH	IIBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		158		
Phosphorus	ppm	ASTM D5185(m)		49		
Boron	ppm	ASTM D5185(m)		4		
Molybdenum	ppm	ASTM D5185(m)		84		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	0		
Lead	ppm	ASTM D5185(m)	>10	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	<1		
Zinc	ppm	ASTM D5185(m)		2		
CARRIER SALTS	\$	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		1914		
Potassium	ppm	ASTM D5185(m)		2949		
SCALE POTENT	IAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	6		
Magnesium	ppm	ASTM D5185(m)	>40	1		
Hardness	mg/L CaCO3	In-house*	<75	20		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*	Orange/R	Pink		
Coolant Appearance		Visual*	Clear	Clear		
Color				225	no image	no image
Bottom					no image	no image
:11:25) Rev: 1			Co	ontact/Location:	BRENDA PINS	ENT - GENNEP

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